# Role of Deep Layer Terrestrial Memory in Hydrologic Predictability

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**Fig. 1.** (a) Time series plot of depth-averaged soil moisture anomaly. Time series plot of the changes in (b) surface temperature, (c) net radiation, (d) sensible heat flux, (e) latent heat flux, and (f) ground heat flux between Case-1, where soil moisture is set to the actual observation and Case-2, where soil moisture is set to annual cycle (i.e., inter-annual variability in soil moisture is removed). Positive values indicate Case-2 is greater than Case-1.